

Converting Colors

XYZ(60.3855, 54.0224, 70.6207)

Have a look what the booklet for
XYZ(60.3855, 54.0224, 70.6207)
contains.

XYZ(60.4538, 53.9915, 70.8535) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(60.4538, 53.9915,
70.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4D6
RGB	228, 180, 214
RGB Percent	89%, 71%, 84%
CMY	0.1059, 0.2941, 0.1608
CMYK	0.00, 0.21, 0.06, 0.11
HSL	318°, 47%, 80%
HSV	318°, 21%, 89%
XYZ	60.4538, 53.9915, 70.8535
YIQ	198.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

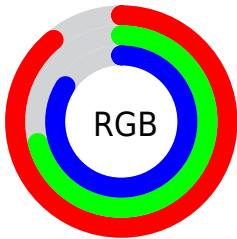
Format	Color
R _Y B	228, 180, 214
Decimal	14988502
CIE Lab	78.46, 22.86, -10.46
CIE LCh	78, 25.134, 335.416
Yxy	53.9915, 0.3263, 0.2914
Android (android.graphics.Color)	4293178582 (0xFFE4B4D6)
YUV	198.2280, 7.7756, 26.1100
Hunter-Lab	73.4789, 18.2704, -5.7363

Details

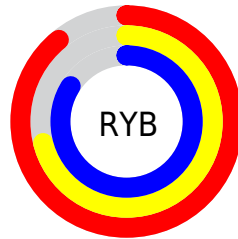
The XYZ color **60.4538, 53.9915, 70.8535** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.3056, 69.0868, 61.4095**, and the grayscale version is **53.7631, 56.5630, 61.5971**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.8606, 26.4526, 36.2802** is the 20% darker color. If you saturate the color by 10%, you get **55.3924, 45.1997, 65.0613**, and if you desaturate by 10%, it is **66.3101, 64.3161, 77.0830**.

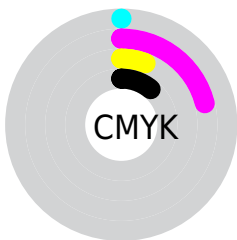
Distribution



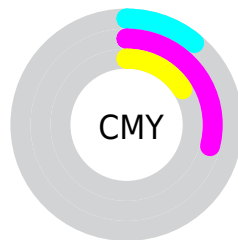
- Red (89%)
- Green (71%)
- Blue (84%)



- Red (89%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4538, 53.9915, 70.8535 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 60.4538, 53.9915, 70.8535 by changing the saturation by 10% instead.


 60.4538, 53.9915,
70.8535

 60.4538, 53.9915,
70.8535


416.0764,
402.0776, 482.4110

 44.0354, 38.5949,
51.7416


 104.5903, 96.0618,
122.1176

 30.8963, 26.4447,
36.4183


133.0391,
123.5042, 155.1069

 20.6714, 17.1566,
24.4652


166.2286,
155.7307, 193.5589

 12.9951, 10.3462,
15.4637

204.5244,
193.1256, 237.8924

 7.5021, 5.6291,
8.9952

248.2917,
236.0733, 288.5258

 3.8272, 2.6209,
4.6413

297.8959,

 1.6048, 0.9372,

284.9583, 345.8777

1.9833

353.7024,
340.1650, 410.3666

■ 0.3956, 0.0000,
0.5450

■ 0.0000, 0.0000,
0.0000

■ 60.4538, 53.9915,
70.8535

■ 60.4538, 53.9915,
70.8535

■ 55.3924, 45.1997,
65.0613

■ 66.3101, 64.3161,
77.0830

■ 51.0838, 37.8595,
59.6886

■ 72.9915, 76.2353,
83.7600

■ 47.4891, 31.8928,
54.7209

■ 80.5321, 89.8165,
90.8984

■ 44.5639, 27.2114,
50.1413

■ 83.5734, 94.3414,
96.7141

42.2585, 23.7170,
45.9312

84.5832, 94.7453,
102.0314

40.5161, 21.2966,
42.0694

85.6295, 95.1639,
107.5416

39.2691, 19.8155,
38.5311

85.8054, 95.2342,
108.4674

38.4721, 19.0849,
35.6035

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.0242, 53.9915, 83.8761



60.4538, 53.9915, 70.8535



61.3720, 53.9915, 56.2557

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.4538, 53.9915, 70.8535



50.4255, 53.9915, 35.6410



43.9552, 53.9915, 76.0135

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.4538, 53.9915, 70.8535



56.3056, 69.0868, 61.4095

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.4255, 53.9915, 61.3943



60.4538, 53.9915, 70.8535



46.0044, 53.9915, 39.2787

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4538, 53.9915, 70.8535



55.3735, 53.9915, 37.3478



43.1511, 53.9915, 48.1757



47.4642, 53.9915, 87.1744

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.4538, 53.9915, 70.8535



60.3887, 53.9915, 47.8625



43.1511, 53.9915, 48.1757



43.2031, 53.9915, 71.2601

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.4554, 53.9939, 70.8546



89.6515, 90.3396, 103.5968



52.4727, 49.6631, 80.2201



19.0685, 19.1213, 22.0532



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4554, 53.9939, 70.8546



75.1246, 64.7104, 88.1963



57.6562, 52.8742, 56.1141



14.8065, 14.5398, 17.1816



22.2689, 11.0418, 20.8429



1.6856, 0.8319, 1.7507

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.4554, 53.9939, 70.8546



75.1246, 64.7104, 88.1963



59.1702, 70.2326, 76.4947



14.8065, 14.5398, 17.1816



22.2689, 11.0418, 20.8429



1.6856, 0.8319, 1.7507

Previews

White Background



This preview shows how the XYZ color 60.4538, 53.9915, 70.8535 looks on a white background.

Color Contrast Check

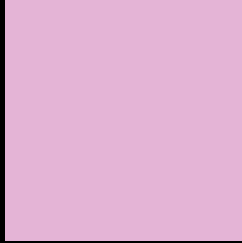
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.4538, 53.9915, 70.8535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

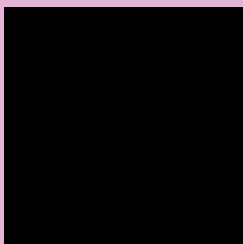
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4538, 53.9915, 70.8535

Background



This preview shows how black text looks on a background with the XYZ color 60.4538, 53.9915, 70.8535.



This preview shows how white text looks on a background with the XYZ color 60.4538, 53.9915,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.4538, 53.9915, 70.8535

Protanopia

53.2410, 54.2327, 76.7691

Deuteranopia

55.2581, 54.1278, 69.8226



Tritanopia

58.3756, 54.0669, 60.1826

Trichromacy



Original Color

60.4538, 53.9915, 70.8535

Protanomaly

55.3980, 53.7774, 74.4781

Deuteranomaly

57.0097, 54.0680, 70.3822

Tritanomaly

59.1860, 54.0986, 63.8225

Monochromacy



Original Color

60.4538, 53.9915, 70.8535

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.8244, 55.1765, 64.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4538, 53.9915, 70.8535 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 214) }
```

Border

The CSS property to change the border of an element to XYZ 60.4538, 53.9915, 70.8535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 180, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 180, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(228, 180, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4538, 53.9915, 70.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
180, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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